

EKOM IBIOK

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PERSONAL SUMMARY

A diligent and results-oriented Cyber Security Analyst with one year of professional experience, possessing a solid understanding of computer networks (switching/routing technologies) and a proven track record in investigating and responding to security incidents while ensuring the security of infrastructures spread across Coventry. Dedicated to safeguarding the confidentiality, integrity, and availability of data.

EDUCATION

University of Wolverhampton, United Kingdom.

MSc. Cyber Security with Professional Practice, Distinction Oct 2020 – Sep 2022

MSc. Information Technology Management, Pass Sep 2018 – Nov 2019

Bells University of Technology, Nigeria.

BTech. Information Technology, Second Class Upper Sep 2011 – Jul 2016

WORK EXPERIENCE

Coventry City Council Nov 2022 - Present

Cyber Security Analyst, United Kingdom

- Collaborated with both the networking team and third-party providers as a primary representative of the security team to deploy our NDR solution. I'm fully responsible for overseeing and maintaining our NDR solution at Coventry City Council.
- Deployed Privileged Identity Management and Role assignments throughout the entirety of the Azure Cloud infrastructure at Coventry City Council.
- Researched and implemented automated SSL certificates (using Let's Encrypt) for our public-facing websites hosted on Windows Server, guaranteeing smooth and secure access.
- Introduced the utilization of hardware tokens for Multi-Factor Authentication (MFA) at Coventry City Council. Researched and furnished recommendations for the selected hardware token technology.
- Collaborated with the NCSC team to enhance the implementation of Protective DNS (PDNS) within Coventry City Council.
- Addressed customer tickets promptly and in adherence to Service Level Agreements (SLAs).
- In my core daily responsibility, I provide strict monitoring and management of security solutions for access rights, identity protection, email protection, and endpoint protection. Responsible for investigating and resolving security alerts as well as security breaches using detective and monitoring solutions.
- Continuously working closely with the Data Center and End-user device team to implement relevant Microsoft Security recommendations to improve the secure state of endpoint client and server devices.
- Contribute to the assessment, analysis, development, documentation and implementation of security standards and processes.
- Review and analyze over 600 emails daily to ensure only safe emails are allowed into Coventry City Council's environment. I investigate email header/envelope addresses, source IPs, and File attributes such as file hashes to ensure malicious files and contents are not allowed into the environment.

University of Wolverhampton, United Kingdom

Oct 2021 – Jan 2022

Web Application Development (Internship)

- Demonstrated my ability to work independently by single handedly developing an e-commerce web application using several web technologies which included Laravel, PHP, Bootstrap, MySQL, and Stripe etc.
- Displayed resourcefulness, creativity, and innovation by implementing e-commerce features/functionalities such as order tracking, coupon processing, and online payment using Stripe test payment card.
- Exhibited effective time and project management skills by ensuring prompt project delivery, and meeting project milestone deadlines.
- Achieved the reward of an outstanding performance (I was Awarded a score of 90% at the end of the project).

Morpol Engineering Limited, Nigeria

Sep 2016 – Jan 2017

Network Engineer

- Displayed exceptional team spirit while working as part of a core team to plan and install LAN infrastructure at an Oil and Gas facility owned by Shell Petroleum Development Company.
- Listened to staff needs and offered solutions that supported and ensured the effective utilization of staff personal computers to aid and increase their productivity level.

SIELTEL Limited, Nigeria
2015

Mar 2015 – Aug

Network Engineer (Internship)

- Displayed critical thinking, attention to detail, and effective analytic skills by working closely with the project planning team to plan and schedule LAN installation projects.
- Demonstrated management and supervisory skills by supervising artisans to achieve the precise installation of cable trunks for smooth Structured Office Cabling operations.
- Exhibited strong problem solving and trouble shooting skills through testing and tracing cable connectivity issues during the installation and configuration of network devices such as routers, wireless access points, CCTV, and PAGA systems.

SKILLS

- Excellent communication, customer service, documentation, and report writing skills.
- Web proxy and **firewall solutions**: Smooth wall, and **FortiGate**
- Network Detection and Response: Vectra
- Email Protection and filtering Systems: Mimecast
- Ticketing request and resolution systems: Motion
- Security alert investigation: Microsoft Defender portal
- Vulnerability assessment: Nessus and Microsoft Defender Portal
- Active Directory management: On-premises (domain controller) and Azure AD (Entra ID)
- Azure Security: Application Management, Identity protection, Security Operations
- Windows Server systems
- External Secure Access: AppGate
- Offensive Security: Open-source intelligence and Linux distributions
- Nodejs Web Application development.

LICENSES & CERTIFICATION

- Microsoft Certified: Azure fundamentals
- Microsoft Certified: Security, Compliance, and Identity fundamentals
- Mimecast Certified: Email Security Cloud Gateway

REFERENCES

Available on request.